
Digital Trunk Maintenance (LD 75)

The DTM messages indicate problems with digital trunks detected by the Digital Trunk Maintenance program (LD 75).

DTM messages

DTM0000	Program identifier.
DTM0001	Too many characters.
DTM0002	Invalid character input.
DTM0003	Invalid command.
DTM0004	Wrong number of parameters.
DTM0005	Invalid parameter.
DTM0006	Invalid customer number.
DTM0020	Card is not configured.
DTM0021	Card number is not specified.
DTM0022	Card number is out-of-range.
DTM0023	Card is already enabled.
DTM0024	Card does not respond.
DTM0025	Loop is not a DTCS/DDCS.
DTM0026	DTSL/DDSL is disabled.
DTM0027	Signaling link is not available.

DTM0030	Command is not allowed.
DTM0040	Message output has failed.
DTM0042	DTCS/DDCS cannot be disabled while its DTS1/DDSL is enabled.
DTM0043	Not a DTSL/DDSL.
DTM0046	Trunk is not a DASS2 card.
DTM0047	DTCS/DDCS is disabled.
DTM0048	Channel is already disabled.
DTM0049	A previous DISI has not completed.
DTM0050	Message not defined by MSG.
DTM0051	Invalid byte.
DTM0052	Invalid channel number.
DTM0053	Per Sig is disabled.
DTM0054	Action was not successful.
DTM0055	DISI complete.
DTM0300 n	DTSL/DDSL n has been stopped and is in the ENBL IDLE state.
DTM0301 n	DTSL/DDSL n has been started and is in the ENBL ACTIVE state.
DTM0302 n	DTSL/DDSL n has been started and is in the ENBL ACTIVE state but all of the channels are in the disabled state.
DTM0303 n	DTSL/DDSL n has failed to start and is still in the ENBL STARTING state.
DTM0304 n f	DTSL/DDSL n has failed its memory test while being enabled and remains in the disabled state. "f" indicates the reason for failure as follows: 0 test not completed in times 1 ROM check failed 2 RAM check failed 4 HDLC test failed
DTM0305 n	DTSL/DDSL n is undergoing memory test, command has been ignored.

DTM0306 n	DTSL/DDSL n is being started, command has been ignored.
DTM0307 n	DTSL/DDSL n is being stopped, command has been ignored.
DTM0308 n	Five minutes have elapsed since DTSL/DDSL n was started and put in the active state and no channel reset acknowledgments have been received.
DTM0309 n	DTSL/DDSL n has failed to start and will return to the idle state.
DTM0310 n z	Alarm z has been detected by DDSDL/DTSL n and it persisted for a time greater than the persistence time defined for that alarm. The alarm z is a code number that is indicated as follows: 0 = TBF — Transmit Buffer Full 1 = FAE — Frame Alignment Error 2 = HER — High Error Rate 3 = TSF — Transmit Signaling Failure 4 = AIS — Alarm Indication Signal 5 = LOI — Loss of Input 6 = DAI — Distant Alarm Indication
DTM0311 n z	Alarm z has been detected by DTSL/DDSL n but did not persist for a period greater than the persistence time. The alarm z is a code number that is indicated as follows: 0 = TBF — Transmit Buffer Full 1 = FAE — Frame Alignment Error 2 = HER — High Error Rate 3 = TSF — Transmit Signaling Failure 4 = AIS — Alarm Indication Signal 5 = LOI — Loss of Input 6 = DAI — Distant Alarm Indication
DTM0312 n z	Alarm repeat count threshold has been exceeded for alarm z on DTSL/DDSL n. The alarm z is a code number that is indicated as follows: 0 = TBF — Transmit Buffer Full 1 = FAE — Frame Alignment Error 2 = HER — High Error Rate

3 = TSF — Transmit Signaling Failure

4 = AIS — Alarm Indication Signal

5 = LOI — Loss of Input

6 = DAI — Distant Alarm Indication

DTM0313 n Stop count threshold has been exceeded for DTSL/DDSL n.

DTM0314 n DTSL/DDSL n has been disabled.

DTM0315 n DTSL/DDSL n failed to respond to numerous “stop” messages and it will be disabled.

DTM0316 n z Alarm z has been detected by DTSL/DDSL n. DTSL/DDSL is not in the active state. The alarm z is a code number that is indicated as follows:

0 = TBF — Transmit Buffer Full

1 = FAE — Frame Alignment Error

2 = HER — High Error Rate

3 = TSF — Transmit Signaling Failure

4 = AIS — Alarm Indication Signal

5 = LOI — Loss of Input 6 = DAI — Distant Alarm Indication

DTM0317 n DTSL/DDSL n does not respond.

DTM0318 n DTSL/DDSL n has been enabled.

DTM0319 n DTSL/DDSL n is about to be started.

DTM0320 n c Real channel c on DTSL/DDSL n has failed to reset and remains in the disabled state.

DTM0321 n c Virtual channel c on DTSL/DDSL n failed to reset and remains in the disabled state.

DTM0322 n c Real channel c on DTSL/DDSL n has been reset.

DTM0323 n c Virtual channel n on DTSL/DDSL n has been reset.

DTM0324 n Channel reset threshold has been exceeded for DTSL/DDSL n.

DTM0325 n DTSL/DDSL n is being reset.

DTM0326 n DTSL/DDSL n has been reset.

DTM0329 n c	Channel is not in a state where it can be reset.
DTM0330 n	Invalid command for the current state of DTSL/DDSL n.
DTM0331 n	Test message threshold has been exceeded for DTSL/DDSL n.
DTM0332 n	A level 3 to level 2 signaling test has failed for DTSL/DDSL n.
DTM0335 n mi	DTSL/DDSL n has failed to respond to a message sent to it. Mi gives the message indicator code of the message.
DTM0336 n mi	An attempt to send a message to DTSL/DDSL n has failed. Mi gives the message indicator code. (This is likely to be followed by a false DTM335 message.)
DTM0337 n li mi	Invalid input from DTSL/DDSL n. Li gives the length indicator. Mi gives the message indicator code.
DTM0338 n	DTSL/DDSL n cannot be enabled because the DTCS/DDCS is disabled.
DTM0339 n x	Five minutes have elapsed since DTSL/DDSL n was started and put in the active state. Some channel reset acknowledgments have been received, but x channels failed to start.
DTM0340 n	Although DTSL/DDSL n is active according to level 3, a report has been received from level 2 indicating that the link is idle.
DTM0341 n	Although DTSL/DDSL n is idle according to level 3, a report has been received from level 2 indicating that the link is starting or active.
DTM0342 n c p	Level 2 has detected a discrepancy in the configuration of real channel c on DTSL/DDSL n when a message was sent from level 3. The problem is indicated by: p = 0 channel number is out-of-range p = 1 channel is not configured p = 4 channel is not active p = 5 li is incorrect p = 6 already configured p = 7 mi is out-of-range
DTM0343 n	Level 2 has detected a discrepancy in the configuration of virtual channel c on DTSL/DDSL n when a message was sent from level 3. The problem is indicated by:

p = 0 channel number is out-of-range

p = 1 channel is not configured

p = 4 channel is not active

p = 5 li is incorrect

p = 6 already configured

p = 7 mi is out-of-range

DTM0344 n c p Level 2 has detected a discrepancy in the configuration of real channel c on DTSL/DDSL n when a frame was received from the link. The problem is indicated by:

p = 0 channel number is out-of-range

p = 1 channel is not configured

p = 2 type (DPNSS1/DASS2) is wrong

p = 3 side (A/B) is wrong

p = 4 channel is not active

DTM0345 n c p Level 2 has detected a discrepancy in the configuration of virtual channel c on DTSL/DDSL n when a frame was received from the link. The problem is indicated by:

p = 0 channel number is out-of-range

p = 1 channel is not configured

p = 2 type (DPNSS1/DASS2) is wrong

p = 3 side (A/B) is wrong

p = 4 channel is not active

DTM0346 n c p Level 3 has detected a discrepancy in the configuration of real channel c on DTSL/DDSL n when a message was received from level 2. The problem is indicated by:

p = 2 type (DPNSS1/DASS2) is wrong

p = 3 side (A/B) is wrong

DTM0347 n c p Level 3 has detected a discrepancy in the configuration of virtual channel c on DTSL/DDSL n when a message was received from level 2. The problem is indicated by:

p = 2 type (DPNSS1/DASS2) is wrong

p = 3 side (A/B) is wrong

DTM0348 n	All alarms have been cleared on DTSL/DDSL n.
DTM0349 n	Flow control is set on DTSL n which is earlier than vintage G.
DTM0350	Must switch reference clock before disabling.
DTM0400	PBX synchronized on main.
DTM0401	PBX synchronized on main, standby failed.
DTM0402	Main synchronization input failed, system synchronized on standby.
DTM0403	Main synchronization input failed, system synchronized on standby.
DTM0404	Main synchronization input failed, standby was faulty and now attempting to lock.
DTM0405	Main synchronization input failed, no standby exists or standby not locked on.
DTM0406	Main synchronization and standby synchronization inputs failed, PBX no longer
DTM0407	Main synchronization and standby synchronization inputs failed, PBX no longer synchronized.
DTM0408	Standby failed then main lost synchronization, PBX not synchronized.
DTM0409	PBX may not be synchronized; different synchronization card states detected.
DTM0410 n	PBX may not be synchronized; synchronization card n is in invalid state for configured mode.
DTM0411	Synchronization card(s) being reset for synchronization purposes.
DTM0412	Maximum resets attempted on sync card(s).
DTM0413 n	Synchronization card n is disabled.
DTM0414 n	Synchronization card n is not responding.